

## FORMALITIES LETTER



\*OC00000005071641\*

UNITED STATES DEPARTMENT OF  
COMMERCE

## Patent and Trademark Office

Address: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/507,532	02/18/2000	Christopher Koh	2695.2002000

David J Thibodeau Jr  
Hamilton Brook Smith & Reynolds PC  
Two Militia Drive  
Lexington, MA 02421-4799



Date Mailed: 04/24/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 820.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/10/2000 KNAKDL 00000071 09507532

01 FC:101 690.00 DP  
02 FC:105 130.00 DP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christopher T. Koh  
Application No.: 09/507,532 Group: 2749  
Filed: February 18, 2000 Examiner: Not assigned.  
For: FREQUENCY CONVERSION CIRCUIT USING COMMON  
LOCAL SYNTHESIZER



<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>May 5, 2000</u> Date	<u>Mariah Moorhead</u> Signature
<u>Mariah Moorhead</u> Typed or printed name of person signing certificate	

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated April 24, 2000, the following documents and fees are being submitted for filing in the captioned application:

- ☒ **EXECUTED DECLARATION/POWER OF ATTORNEY** - A copy of the Notice is attached.  
(Separate transmittal letter and postcard not required)
- ☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.  
(Separate transmittal letter and postcard not required)
- ☒ **SURCHARGE** - surcharge fee of \$130.00.  
(Separate transmittal letter and postcard not required)
- ☐ **SEQUENCE LISTING** - Filed concurrently and is attached.  
(Separate transmittal letter and postcard required)
- ☐ **PETITION FOR EXTENSION OF TIME**

☐ Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated [ ] for [ ] month(s) from [ ] to [ ]. The appropriate fee of \$[ ] is included in the enclosed check.

☐ A [ ] month extension of time to respond to the Notice to File Missing Parts dated [ ] was filed on [ ] with payment of a \$[ ] fee.

☐ Applicant hereby petitions for an additional [ ] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[ ] is included in the enclosed check.

*(Separate Petition for Extension of Time and postcard not required)*

☐ **REQUEST FOR CORRECTED FILING RECEIPT** - Filed concurrently and is attached.

*(Separate transmittal letter and postcard required)*

☐ **VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**

☐ Was filed on [ ].

☐ Is enclosed herewith.

*(Separate transmittal letter and postcard not required)*

☐ In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[ ] which were paid on [ ] to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$820.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

David J. Thibodeau, Jr.  
Registration No.: 31,671  
Tel.: (781) 861-6240  
Fax: (781) 861-9540

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christopher T. Koh  
Application No.: 09/507,532 Group: 2749  
Filed: February 18, 2000 Examiner: Not assigned.  
For: FREQUENCY CONVERSION CIRCUIT USING COMMON  
LOCAL SYNTHESIZER



CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>May 5, 2000</u> Date	<u><i>Mariah Moorhead</i></u> Signature
<u>Mariah Moorhead</u> Typed or printed name of person signing certificate	

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated April 24, 2000, the following documents and fees are being submitted for filing in the captioned application:

- ☒ **EXECUTED DECLARATION/POWER OF ATTORNEY** - A copy of the Notice is attached.  
*(Separate transmittal letter and postcard not required)*
- ☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.  
*(Separate transmittal letter and postcard not required)*
- ☒ **SURCHARGE** - surcharge fee of \$130.00.  
*(Separate transmittal letter and postcard not required)*
- ☐ **SEQUENCE LISTING** - Filed concurrently and is attached.  
*(Separate transmittal letter and postcard required)*
- ☐ **PETITION FOR EXTENSION OF TIME**

☐ Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated [ ] for [ ] month(s) from [ ] to [ ].  
The appropriate fee of \$[ ] is included in the enclosed check.

☐ A [ ] month extension of time to respond to the Notice to File Missing Parts dated [ ] was filed on [ ] with payment of a \$[ ] fee.

☐ Applicant hereby petitions for an additional [ ] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[ ] is included in the enclosed check.

*(Separate Petition for Extension of Time and postcard not required)*

☐ **REQUEST FOR CORRECTED FILING RECEIPT** - Filed concurrently and is attached.

*(Separate transmittal letter and postcard required)*

☐ **VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**

☐ Was filed on [ ].

☐ Is enclosed herewith.

*(Separate transmittal letter and postcard not required)*

☐ In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[ ] which were paid on [ ] to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$820.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

David J. Thibodeau, Jr.  
Registration No.: 31,671  
Tel.: (781) 861-6240  
Fax: (781) 861-9540

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	2695.2002000		
	Application Number	09/507,532		
	First Named Inventor	Christopher T. Koh		

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS <small>(37 CFR 1.16(c) or (j))</small>		14 - 20* =		x \$ 18 =	\$ 0
INDEPENDENT CLAIMS <small>(37 CFR 1.16(b) or (i))</small>		3 - 3** =		x \$ 78 =	\$ 0
MULTIPLE DEPENDENT CLAIMS (if applicable) <small>(37 CFR 1.16(d))</small>				+ \$ 260 =	\$
				BASIC FEE <small>(37 CFR 1.16(a) or (h))</small>	\$ 690
				Total of above Calculations =	\$ 690
				Reduction by 50% for filing by small entity <small>(37 CFR 1.9, 1.27, 1.28)</small> =	\$
				TOTAL =	\$ 690
				Surcharge - Late Filing of Declaration or Filing Fees <small>(37 C.F.R. 1.16(e))</small> =	\$ 130
				Petition for Extension of Time Fee <small>(37 C.F.R. 1.17)</small> =	\$
				Assignment Recordation Fee = <small>(only when filed with application)</small>	\$
				TOTAL =	\$ 820

\* Reissue claims in excess of 20 and over original patent  
\*\* Reissue independent claims over original patent

1. Small entity status:

a. ☐ A small entity statement is enclosed.

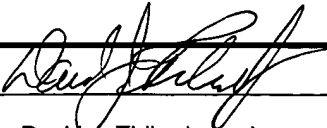
b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.

c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$820.00. ☐ Please charge \$[ ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature		Date	5/5/2000
Submitted by Typed or Printed Name	David J. Thibodeau, Jr.	Reg. Number	31,671

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	2695.2002000		
	Application Number	09/507,532		
	First Named Inventor	Christopher T. Koh		

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS <small>(37 CFR 1.16(c) or (j))</small>		14 - 20* =		x \$ 18 =	\$ 0
INDEPENDENT CLAIMS <small>(37 CFR 1.16(b) or (i))</small>		3 - 3** =		x \$ 78 =	\$ 0
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+ \$ 260 =	\$
				BASIC FEE <small>(37 CFR 1.16(a) or (h))</small>	\$ 690
				Total of above Calculations =	\$ 690
Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =					\$
TOTAL =					\$ 690
Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =					\$ 130
Petition for Extension of Time Fee (37 C.F.R. 1.17) =					\$
Assignment Recordation Fee = <small>(only when filed with application)</small>					\$
* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent					
TOTAL =					\$ 820

1. Small entity status:

a. ☐ A small entity statement is enclosed.

b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.

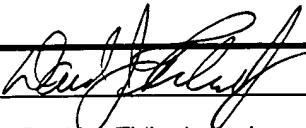
c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$820.00. ☐ Please charge \${ } to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature		Date	5/31/2000
Submitted by Typed or Printed Name	David J. Thibodeau, Jr.	Reg. Number	31,671